

# GVCSTV LSLH-C1 Control Cable



Eland Product Group: B5Z

## APPLICATION

These cables are used for flexible connections requiring an anti-inductive screen (EMC). GVCSTV LSLH C1 cables are fire retardant in compliance with the requirements of the NFC 32070 C1 standard.

## CHARACTERISTICS

**Voltage Rating**  
0.6/1kV

**Temperature Rating**  
Fixed: -10°C + 60°C  
Maximum conductor temperature : +70°C

**Minimum Bending Radius**  
7.5 x overall diameter

## CONSTRUCTION

**Conductor**  
Flexible tinned copper

**Insulation**  
Fire retardant thermoplastic compound

**Separator**  
Separator Tape

**Screen**  
TCWB (Tinned Copper Wire Braid)

**Sheath**  
PVC (Polyvinyl Chloride)

**Sheath Colour**  
● Grey

## STANDARDS

IEC 61034-2, IEC 60754-1, NF C 32-013 (CEI 228)

Fire Retardant according to NFC 32070 C1, IEC 60332-1-2, IEC 60332-3-24 Cat C

## ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



## REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.



This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.





## DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
B5Z0200075GR	2	0.75	6.9	80
B5Z020010GR	2	1	7.3	90
B5Z020015GR	2	1.5	8.3	115
B5Z020025GR	2	2.5	9.9	165
B5Z020040GR	2	4	11.4	210
B5Z0300075GR	3	0.75	7.3	90
B5Z030010GR	3	1	7.9	110
B5Z030015GR	3	1.5	8.8	140
B5Z030025GR	3	2.5	10.5	195
B5Z030040GR	3	4	12	265
B5Z0400075GR	4	0.75	8.1	110
B5Z040010GR	4	1	8.6	130
B5Z040015GR	4	1.5	9.7	170
B5Z040025GR	4	2.5	11.6	240
B5Z040040GR	4	4	13.3	325
B5Z0500075GR	5	0.75	8.7	135
B5Z050010GR	5	1	9.5	155
B5Z050015GR	5	1.5	10.8	205
B5Z050025GR	5	2.5	13.1	300
B5Z050040GR	5	4	14.8	420
B5Z0700075GR	7	0.75	9.6	165
B5Z070010GR	7	1	10.2	195
B5Z070015GR	7	1.5	11.6	250
B5Z070025GR	7	2.5	14.6	390
B5Z1200075GR	12	0.75	12.9	280
B5Z120010GR	12	1	14.2	345
B5Z120015GR	12	1.5	16	455
B5Z120025GR	12	2.5	19.5	690
B5Z1900075GR	19	0.75	15.5	420
B5Z190010GR	19	1	16.5	485
B5Z190015GR	19	1.5	19.1	650
B5Z190025GR	19	2.5	23.1	950
B5Z2700075GR	27	0.75	18.5	570
B5Z270010GR	27	1	20	690
B5Z270015GR	27	1.5	22.8	925
B5Z3700075GR	37	0.75	21.4	725
B5Z370010GR	37	1	22.5	910
B5Z370015GR	37	1.5	25.7	1200



Click here for more information:

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## ELECTRICAL CHARACTERISTICS

NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	PERMISSIBLE CURRENT RATING AT 30°C A
2	0.75	13.5
2	1	15
2	1.5	22
2	2.5	30
2	4	40
3	0.75	12
3	1	13.5
3	1.5	18.5
3	2.5	25
3	4	34
4	0.75	11.5
4	1	13
4	1.5	15.5
4	2.5	21
4	4	29
5	0.75	10.5
5	1	11.5
5	1.5	15.5
5	2.5	21
5	4	29
7	0.75	9
7	1	10
7	1.5	14
7	2.5	21
12	0.75	7
12	1	7.5
12	1.5	11
12	2.5	16
19	0.75	5.5
19	1	6
19	1.5	9
19	2.5	12
27	0.75	4.5
27	1	5
27	1.5	8
37	0.75	4
37	1	5
37	1.5	6

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.